

1. Process to reduce the susceptibility to scabbing of an aluminium alloy melt with a content of at least 2.5 w.% magnesium, characterised in that to the melt is added 0.02 to 0.15 w.% vanadium and less than 60 ppm beryllium.

add 2.  
B1

07

100-443887-100

5. Use of the process according to any of claims 1 to 4 for production of casting alloys with

- 2.5 to 7 w.% magnesium
- max 2.5 w.% silicon
- max 1.6 w.% manganese
- max 0.2 w.% titanium
- max 0.3 w.% iron
- max 0.2 w.% cobalt
- less than 60 ppm beryllium
- 0.02 to 0.15 w.% vanadium

and aluminium as the remainder and production-induced contaminants individually max 0.05 w.% and total max 0.15 w.%.

~~Att~~